
UNIVERSITI SAINS MALAYSIA

First Semester Examination
Academic Session 2007/2008

October/November 2007

RAK 233 – Principles and Theory of Design
(Prinsip dan Teori Rekabentuk)

Duration: 2 hours
(Masa: 2 jam)

Please check that this examination paper consists of **TWO** pages of printed material before you begin the examination.

*Sila pastikan bahawa kertas peperiksaan ini mengandungi **DUA** muka surat yang tercetak sebelum anda memulakan peperiksaan ini.*

Students are allowed to answer all questions in English OR in Bahasa Malaysia.

Pelajar dibenarkan menjawab semua soalan dalam Bahasa Inggeris ATAU Bahasa Malaysia.

Answer **ALL** questions.

Jawab **SEMUA** soalan.

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1. Describe the meaning of the following words:-

Huraikan maksud istilah-istilah berikut:-

- Topiary (*Topiari*)
- Flagstone (*"Flagstone"*)
- Post Modern (*Pasca Modern*)
- Rococo (*"Rococo"*)
- Complementary colour (*Warna komplementari*)
- Claustrophobic space (*Ruang Klaustropobik*)
- Sequence (*Turutan*)
- Dominance (*Dominan*)
- Formal space (*Ruang Formal*)
- Laminated timber (*"Laminated timber"*)

(20 marks/markah)

2. Discuss the difference between "Design Concept" and "Design Philosophy".

Bincangkan perbezaan di antara "Konsep Rekabentuk" dan "Falsafah Rekabentuk"

(30 marks/markah)

3. You have been appointed as the designer of a hospital. With the use of sketches, discuss how you can achieve "unity" in the design of the interior of the hospital building.

Anda telah dilantik menjadi pereka bagi sebuah hospital. Beserta dengan lakaran, bincangkan bagaimana anda mencapai "kesatuan" dalam rekabentuk ruang dalaman bangunan hospital tersebut.

(25 marks/markah)

4. According to Andrew Williams (2004), there are 8 characteristics of a creative designer. Discuss **FOUR (4)** of those characteristics.

*Menurut Andrew Williams (2004), terdapat 8 ciri-ciri seorang pereka yang kreatif. Bincangkan **EMPAT (4)** daripada ciri-ciri tersebut.*

(25 marks/markah)

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